

THE COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231

Sir:

Transmitted herewith for filing is the Utility patent application of:

INVENTOR:	HISASHI NAGANO, IZUMI WAKI AND YASUAKI TAKADA
FOR:	APPARATUS FOR DETECTING CHEMICAL SUBSTANCES AND METHOD THEREFOR

Enclosed are:

- ☒ 12 sheets of ☐ formal ☐ informal drawings.
- ☒ Transmittal of Japanese Patent Application No. 2003-329294 to claim priority date of September 22, 2003
- ☒ An assignment of the invention to Hitachi, Ltd.
- ☒ An Executed Declaration
- ☒ An Information Disclosure Statement
- ☒ The filing fee is calculated as shown below:

FOR	NUMBER FILED		NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	12	-20	0	x\$18 =	0.00
INDEPENDENT CLAIMS	6	-3	3	x\$86 =	258.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+\$290 =	
				BASIC FEE	\$770.00
				TOTAL OF ABOVE	\$1,028.00
REDUCTION BY <input type="checkbox"/> FOR FILING BY SMALL ENTITY (note 37 C.F.R. § 1.9, 1.27, 1.28). IF APPLICABLE, VERIFIED STATEMENT MUST BE ATTACHED					
				TOTAL	\$1,028.00

- ☒ A check in the amount of **\$1,068.00** to cover the filing and assignment fees is enclosed.

- ☒ The Commissioner is hereby authorized to charge any additional fees associated with this communication, including patent application filing fees and processing fees under 37 C.F.R. § 1.16 and 1.17, or credit any overpayment to **Deposit Account Number 08-1480**.

Respectfully submitted,

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